BRUHAT BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE

Estimate Cost Rs. 2000000.00

Name of Work: Estimate for Providing Street Signage Boards in Ward No. 10 areas (Doddabommasandra), Vidyaranyapura Sub Division.

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	Providing and fixing **ornamental name boards** of size 2.10 X 0.50Mtrs and column of size 0.15 x 0.15 Mtrs of height 1.23 Mtrs of each board made of C C 1:1, 5:3 with necessary centrering and form work smooth finishing with reinforcement etc including fabrication charges painting concreting and transportation charges from manufacturing yard to the site of work all lead and lift loadiing and undloading and labour charges etc. complete as per the direction of the engineer incharge of the work	Each							
	Quation Approved Rates in BBMP								
			25	**1**			**25.00**	6200.00	**155000.00**
2	Retro - Reflectorised Traffic Signs :- Providing and fixing of retro - reflectorised cautionary, mandatory and informatory sign as per IRC : 67 - 2001 made of high intensity grade micro prismatic HIP type IV sheeting, fixed over alumium sheeting, 2mm thick firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 45cms x 45cm x 60cm, 60 cm below ground level as per approved drawing. The item includes earthwork excavation, Cement Concrete M-15 grade, 2 coats of approved colour synthetic enamel painting to the steel surface, as per clauses, including curing, cost of all materials, labour, loading, unloading, lead, lift, transporting etc., complete.(P.No.65, I.No.8.04 of NH SR 2009-10) Supported on a class B GI pipe 80mm outer dia, 3.50mtr long 60cm x 60cm square	Each							
			1	**360**			**360.00**	4957.20	**1784592.00**
	Basic Rate	4590.00							
	Area Weightage @ 8%	367.20							
	Total	**4957.20**							
3	KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in Ordinary soil not exceeding 1.5m. In depth with lead upto 50m. after breaking of clods complete as per specifications. Specification. **No. KBS 2.1(b) / 2.3.5 PWD SR 2013-14 (P.5 / 2.4)**	Cum							
	Ornamental Boards		25	0.60	0.60	0.80	7.20		
							7.20	227.88	**1641.00**
	Basic Rate	211.00							
	Area Weightage @ 8%	16.88							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Total	**227.88**							
4	KSRB 100-1 Loading and unloading ofstone **aggregates / sand/ kanker/ Moorum /soil** KSRRB M100-1 Placing tipper at loading with front end loader dumpting turning for return trip excluding time for haulged and return trip complete as per specification item No 17.1 page 117 and KSRB M.100.4.1 costof haulage excluding loading and unloading MORTH to a distance of 4.00 K.M **(Item No 17.4 Page 117 (SR 2013-14)**	cum							
				Vide Item No. 3			**7.20**	72.71	**523.00**
	Average weight of earth 1.28 tonne / kg for 2X1.28X2.00=5.12	5.12							
	Add loading and unloading Vide item no.17.1 P.no.144	62.20							
		67.32							
	Area Weightage @ 8%	5.39							
	Total	**72.71**							
5	KSRB- 4-1.5 : Providing and laying in position plain cement concrete of **mix M20 with OPC cement @ 300 kgs, with 20mm** and down size graded granite metal coarse aggregates @ 0.64 cum and fine aggregares @ 0.43 cum with superplastisiser @ 3lts confirming to IS9103-1999 reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications, specification. No. KBS 4.1,4.2, **No. 12/ Item No. 4.5/ PWD SR 2012-13**	Cum							
	Ornamental Boards		25	0.60	0.60	0.60	5.40		
							5.40	5323.32	**28746.00**
	Basic Rate	4929.00							
	Area Weightage @ 8%	394.32							
	Total	**5323.32**							
6	KSRRB M800-11.1: Painting lines, dashes, arrows etc, on roads in two coats on new work :- painting lines, dashes, arrows etc on roads in two coats on new work with ready mixed road marking paint conforming to IS:164 on bituminous surface, including cleaning the surface of all dirt, dust and other foreign matter, demarcation at the and traffic control complete as per specification, i) over 10 cm in width, MORTH specification No. 803, **No. 197 / Item No. 24.11/ PWD SR 2013-14**	Sqm							
	Ornamental Boards		50	2.10		0.60	63.00		
	Columns Ornamental Boards		50	0.60		1.20	36.00		
							99.00	108.00	**10692.00**
	Basic Rate	100.00							
	Area Weightage @ 8%	8.00							
	Total	**108.00**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
7	KSRRB M800-9: Painting new letter and figures of any shade with synthetic enamel paint block or any other approved colour to give an even shade complete as per specification, ("ii) Hindi (Matras commas and the like not to be measured and paid for half letter shall be counted as half) MORTH specification No. 803, **No. 197 / Item No. 24.9 / PWD SR 2013-14**	Cm							
			1	25000			25000		
							25000	0.65	**16200.00**
	Basic Rate	0.60							
	Area Weightage @ 8%	0.05							
	Total	**0.65**							
8	Miscellaneous charges								**2606.00**
								Total	**2000000.00**

(RupeesTwenty Lakhs Only)

CERTIFICATE:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per P.W.D S.R of 2013-14 & Approved Rate.
3 This work included under 2013-14 POW Grant.
4 The provisions were made in this estimate are necessary and adequate.
5 This works come under B.B.M.P. limits.

Assistant Engineer

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyaranyapura Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

ADMINISTRATIVE SANCTION

Rupees Twenty lakhs only 20.00 Lakhs

Under P-1771

Registered as EE ( ) No 9 9
Subject to conditions contained in
enclosed memo EE ( ) No JC(Yel)385/13-14
Dt 30/10/13 Estimate A/Sanctioned
No
dated 30/10/13 Rs 20.00 Lakhs

Joint Commissioner
(Yelahanka Zone)
BBMP, Bengaluru-92.

Technical Sanction for Rs. Rs. 20.00
Rs. Twenty Lakhs only
P-1771
Registered as EE No 171/13-14 Dated Subject
to conditions contained enclosed memo.
No: 171/13-14 Dt 30/10/13

AE/AE

EE (BTP.Div.)